

S. K. T. 6-14-91

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GROUP 330

#21/suppl  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: :  
MOHIUDDIN, et al. :  
Serial No.: 07/330,156 : Group Art Unit: 336  
Filed: March 29, 1989 : Examiner: M. Polutta  
For: NOVEL METHOD OF : Attorney Docket No.:  
MYOCARDIAL IMAGING : 7253-004

**AMENDMENT AND SUPPLEMENTAL  
RESPONSE UNDER 37 C.F.R. §1.115**

Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

In supplemental response to the Examiner's Action dated June 3, 1991, applicants request consideration of the following amendments and remarks.

**IN THE CLAIMS**

Please cancel claims 25, 26, 28, 40, 41, 51, 52, 60, 61, 63 and 64. Please amend the following claims.

22. (Amended) A method of detecting the presence and assessing the severity of myocardial dysfunction in a human comprising the steps of:
- (a) administering by an intravenous route to said human [an amount] about 20 mcg/kg/minute to about 200 mcg/kg/minute of an adenosine receptor agonist sufficient to provide coronary artery dilation; and
  - (b) performing a technique on said human to detect the presence and assess the severity of said myocardial dysfunction.